



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Hull et al.  
Serial No.: 10/804,278  
For: SLOPE PREDICTIVE CONTROL AND DIGITAL PID  
CONTROL FOR A VARIABLE TEMPERATURE CONTROL  
SYSTEM  
Filed: March 19, 2004  
Examiner: Chen Wen Jiang  
Art Unit: 3744  
Confirmation No.: 7443  
Customer No.: 27,623

Previous Attorney Docket No.: 15555-0032  
Current Attorney Docket No.: 0002799USQ/2431

**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**AMENDMENT**

Dear Sir:

In response to the Office Action dated October 18, 2006, please amend the  
above-identified application as follows:

**Listing of the Claims** begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.